



US006290980B1

(12) **United States Patent**  
**Hansen**

(10) **Patent No.:** **US 6,290,980 B1**  
(45) **Date of Patent:** **Sep. 18, 2001**

(54) **PACKAGING AND METHOD FOR SOLID DOSE ADMINISTRATION OF MEDICAMENTS**

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(\*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** **09/560,213**

(22) **Filed:** **Apr. 28, 2000**

(51) **Int. Cl.<sup>7</sup>** ..... **A61F 13/00**

(52) **U.S. Cl.** ..... **424/422; 424/400; 424/405; 424/408; 424/438; 424/489; 604/48; 604/500; 604/502; 604/57; 604/59**

(58) **Field of Search** ..... **424/400, 405, 424/422, 408, 438, 489; 604/48, 500, 502, 57, 59**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,665,363 9/1997 Hansen et al. .... 424/211.1  
5,874,098 \* 2/1999 Stevens et al. .... 424/408

\* cited by examiner

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(57) **ABSTRACT**

A method and packaging for vaccinating or medicating an animal by implanting a solid dose medicament in an animal. The solid dose medicament, or plurality of such medicaments, are each color-coded to identify a particular active ingredient, then packaged in a pellet magazine through which the doses are visible, and thereafter the pellets are implanted, usually subcutaneously, into the base of the ear or in the neck of an animal. The same system can be used for colored ballistic implants.

**14 Claims, 2 Drawing Sheets**

